THE APPLICATION OF AMOCO PRODUCTION CO.
FOR A DUAL COMPLETION. ORDER NO. MC-2948

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION

Under the provisions of Rule 112-A Amoco Production Co. made application to the New Mexico Oil Conservation Division on October 16, 1981, for permission to dually complete its J. C. Gordon D Well No. 2E located in Unit M of Section 22, Township 27 North, Range 10 West, NMPM, San Juan County, New Mexico, in such a manner as to permit production of oil from the Angels Peak-Gallup Oil Pool and gas from the Basin-Dakota Pool.

Now, on this 9th day of November, 1981, the Division Director finds:

(1) That application has been filed under the provisions of Rule 112-A of the Division's Rules and Regulations;

(2) That satisfactory information has been provided that all operators of offset acreage have been duly notified;

(3) That no objections have been received within the waiting period as prescribed by said rule;

(4) That the proposed dual completion will not cause waste nor impair correlative rights; and

(5) That the mechanics of the proposed dual completion are feasible and consonant with good conservation practices.

IT IS THEREFORE ORDERED:

That the applicant herein, Amoco Production Co., be and the same is hereby authorized to dually complete its J. C. Gordon D Well No. 2E located in Unit M of Section 22, Township 27 North, Range 10 West, NMPM, San Juan County, New Mexico, in such a manner as to permit production of oil from the Angels Peak-Gallup Oil Pool and gas from the Basin-Dakota Pool through parallel strings of tubing .

PROVIDED HOWEVER, that applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A.

PROVIDED FURTHER, that applicant shall take packer-leakage tests upon completion and annually thereafter.

IT IS FURTHER ORDERED: That jurisdiction of this cause is hereby retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

JOE D. RAMEY,
Director

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

OIL CONSERVATION DIVISION
BOX 2088
SANTA FE, NEW MEXICO 87501

DATE 10-20-1981

RE: Proposed MC ✓
Proposed DHC
Proposed NSL
Proposed SWD
Proposed WFX
Proposed PMX

Gentlemen:

I have examined the application dated 10-12-1981

for the Amoco Prod. Co. J L Gordon D #2-E M-22-27N-10W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours truly,

Charles Gholson

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

Form C-107
5-1-61

Operator	County	Date
Amoco Production Company	San Juan	10-12-81
Address	**Lease**	**Well No.**
501 Airport Drive, Farmington, NM	J. C. Gordon D	2E

Location of Well	Unit	Section	Township	Range
	M	22	27N	10W

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES X NO _____
2. If answer is yes, identify one such instance: Order No. MC-843 ; Operator Lease, and Well No.: Jack Frost B No. 2

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Angels Peak Gallup		Basin Dakota
b. Top and Bottom of Pay Section (Perforations)	5503-5789'		6346-6517'
c. Type of production (Oil or Gas)	Oil		Gas
d. Method of Production (Flowing or Artificial Lift)	Artifical Lift		Flowing

4. The following are attached. (Please check YES or NO)

Yes	No	
X		a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
X		b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
X		c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
X		d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Crown Central Petroleum Co., 4747 Bellair Boulevard, Bellair, TX 77401

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6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO _____. If answer is yes, give date of such notification October 12, 1981 .

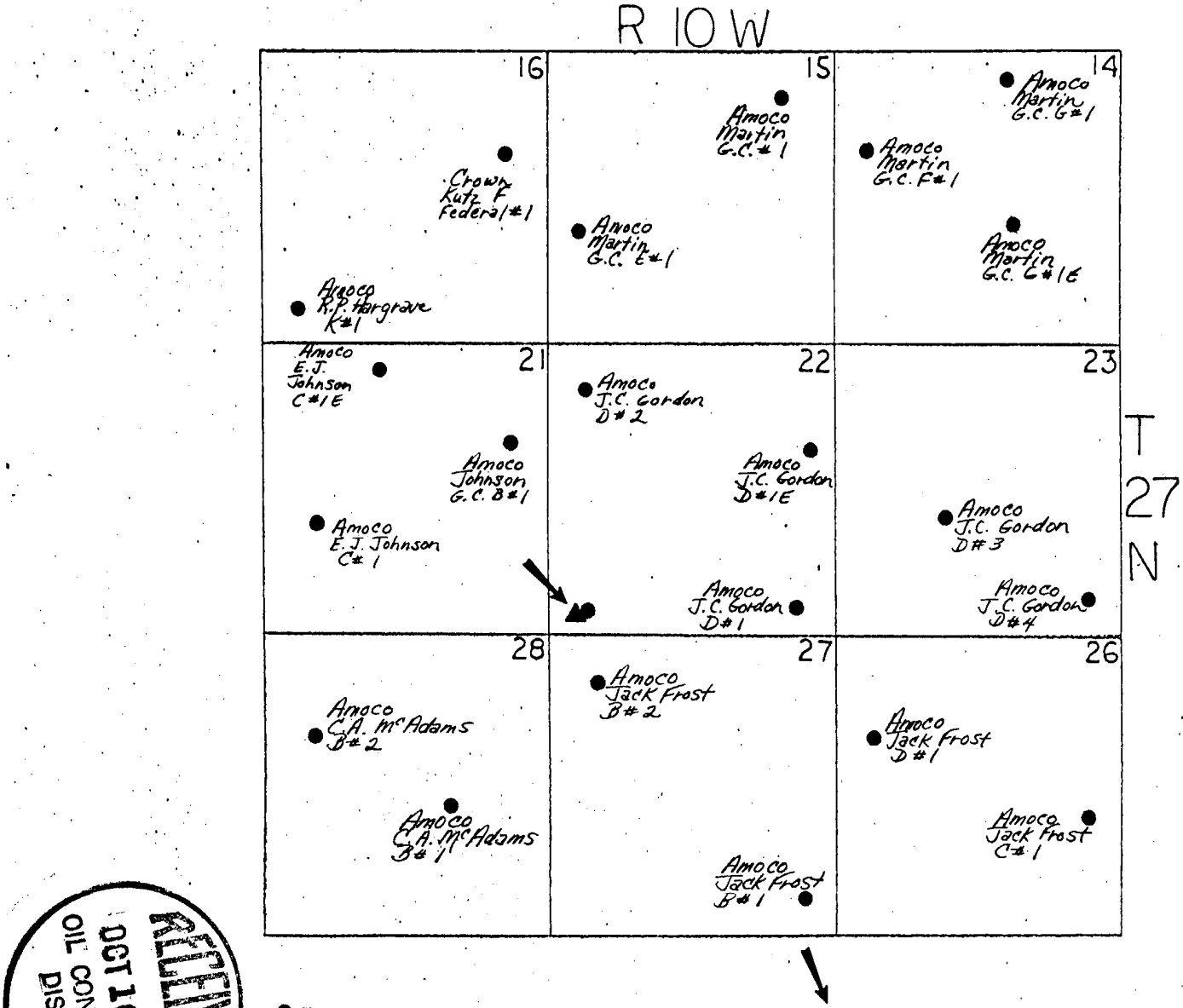
CERTIFICATE: I, the undersigned, state that I am the District Superintendent of the Amoco Production Company (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

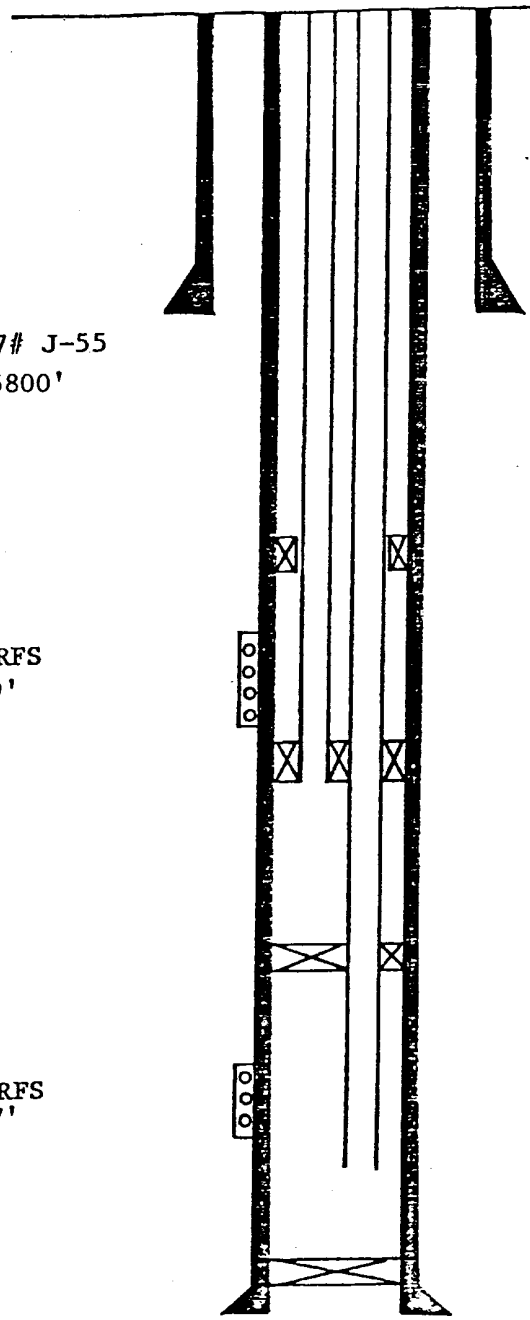
R. W. Schroeder
Signature

Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

J. C. GORDON D #2E





9 5/8", 32.3#, H-40 ST&C
CSA 306' WITH 300 SX CMT

2 3/8" 4.7# J-55
EUE TSA 5800'

2 1/16" 3.4# J-55 IJ TSA 6520'

DV TOOL SET AT 4687'

GALLUP PERFS
5503'-5789'

BAKER MODEL D PARALLEL
STRING ANCHOR SET AT 5798'
300' OF BLAST JOINTS
ACROSS GALLUP

BAKER MODEL D PRODUCTION
PACKER SET AT 6000'

DAKOTA PERFS
6346'-6517'

7", 26#, K-55, ST&C CSA 6618'
WITH 1220 SX CMT

PBD 6578'
TD 6618'

Amoco Production Company	SCALE:
J. C. GORDON D #2E	DRG. NO.

GEARHART

DUAL INDUCTION - LATEROLOG
WITH LINEAR CORRELATION LOG

FILING NO.

Company AMOCO PRODUCTION COMPANY

Well J.C. GORDAN D #2E

Field BASIN DAKOTA

County SAN JUAN State NEW MEXICO

LOCATION:

1120'FSL X 790 FWL

SEC 22 TWP 27N RGE 10W

Other Services

Permanent Datum GROUND LEVEL Elev. 6132

Log Measured from K.B. 13 Ft. Above Permanent Datum

Drilling Measured from K.B.

Elevations:
KB 6145
DF 6144
GL 6132

Date		1-18-81	
Run No.		ONE	
Depth—Driller		6633	
Depth—Logger		6624	
Bottom logged interval		6623	
Top logged interval		0	
Casing—Driller		9 5/8 @ 300	
Casing—Logger		299	
Bit Size		8 3/4	
Type Fluid in Hole		CHEM. GEL	
Density	Viscosity	8.9 60	
pH	Fluid Loss	8.0 10.8 ml	ml
Source of Sample		FLOWLINE	
Rm @ Meas. Temp.		3.0 @ 60 °F	@ °F
Rmf @ Meas. Temp.		3.2 @ 60 °F	@ °F
Rmc @ Meas. Temp.		2.2 @ 60 °F	@ °F
Source of Rmf	Rmc	C C	
Rm @ BHT		0.97 @ 173 °F	@ °F
TIME Circulation Stopped		10:00 1-17-81	
TIME Logger on Bottom		12:00 1-18-81	
Max. Rec. Temp. Deg. F		173 °F	°F
Equip. No.	Location	7532 29-06E	
Recorded By		FISCHER-WALKER	
Witnessed By		MR. RAMSEY	

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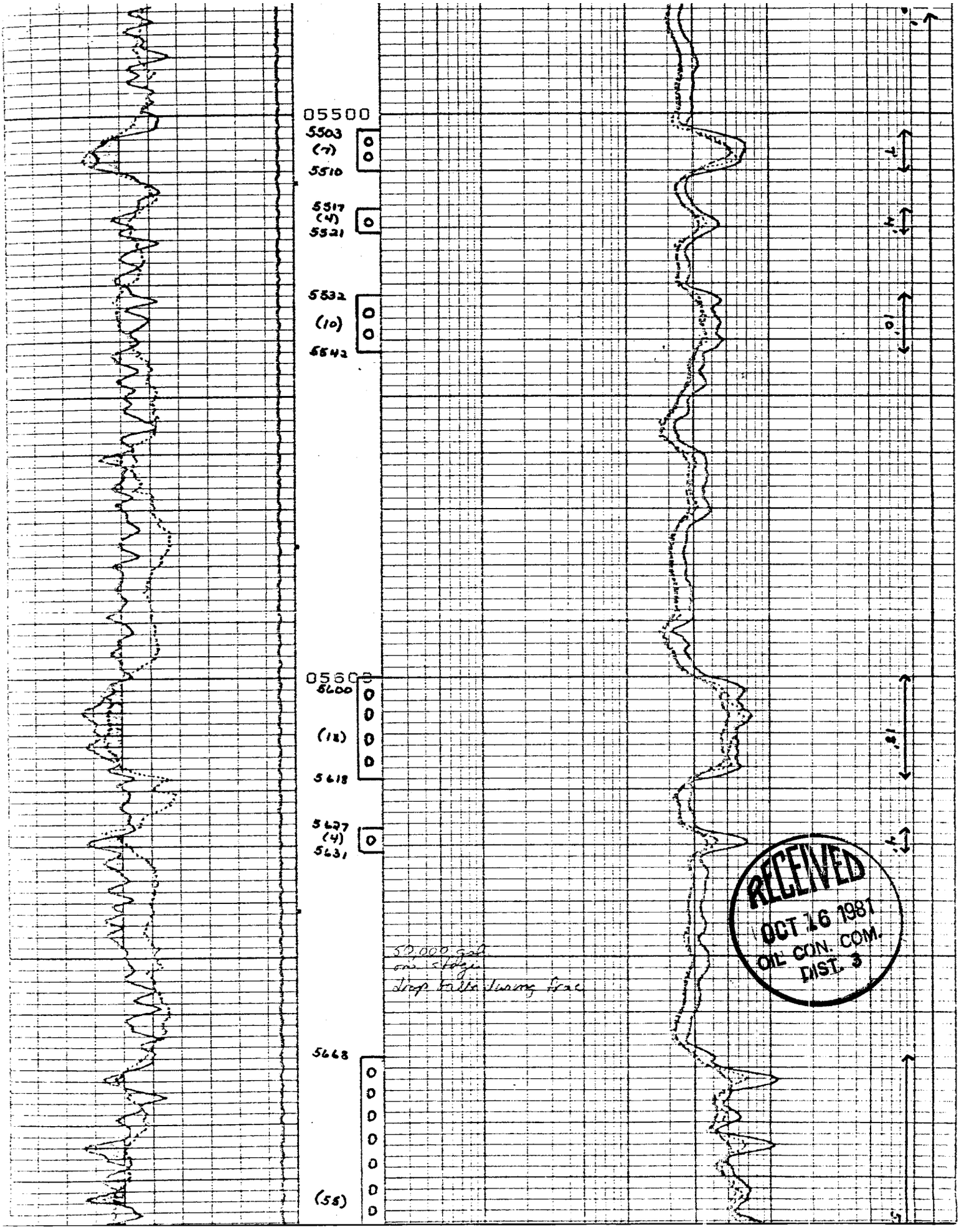
FOLD HERE THE WELL NAME, LOCATION AND BOREHOLE REFERENCE DATA WERE FURNISHED BY THE CUSTOMER


05500
5503
(7)
5510
5517
(4)
5521
5532
(10)
5542
05600
5600
(18)
5618
5627
(4)
5631
5648
(55)
52,000 gal
on stage.
Drop balls during frac
4'
4'
10'
21'
4'
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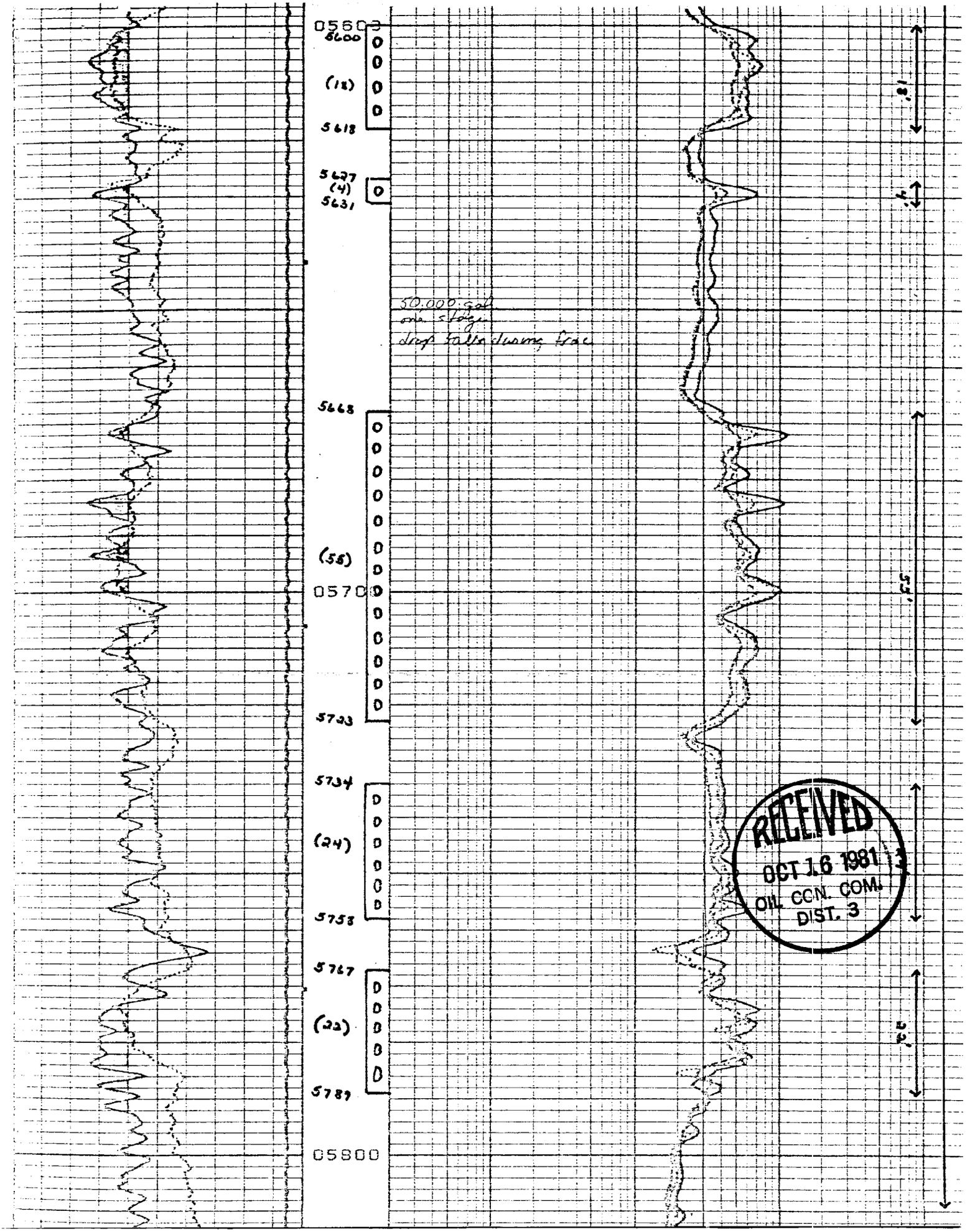
05600
8600
(18)
5618
5627
(4)
5631
50,000 gal
one stage
drop balls during frac
5668
(58)
05700
5733
5734
(24)
5758
5767
(22)
5789
05800
8'
4'
33'
24'
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FORM 925265

Dresser Atlas

DRESSER

Compensated Densilog
Compensated Neutron

FILE NO.

THANKS!

COMPANY Amoco Prod. Co.

WELL J.C. Gordon D #2E

FIELD Gallup DAKOTA

COUNTY San Juan STATE New Mexico

LOCATION:
1120' FSL & 790' FWL

SEC 22 TWP 27N RGE 10W

Other Services
GR/DIFL
Fraclog

Permanent Datum G.L. Elev. 6132'
Log Measured from K.B. , 13 Ft. Above Permanent Datum
Drilling Measured from K.B.

Elevations:
KB 6145'
DF 6144'
GL 6132'

Date	1/17/81			
Run No.	one			
Service Order	48187			
Depth—Driller	6630'			
Depth—Logger	6632'			
Bottom Logged Interval	6631'			
Top Logged Interval	Surface			
Casing—Driller	9 5/8" @ 309'	@	@	@
Casing—Logger	310'			
Bit Size	8 3/4"			
Type Fluid in Hole	Chem Gel			
Density and Viscosity	9.0 | 61			
pH and Fluid Loss	— | 7.5 cc	cc	cc	cc
Source of Sample	Flowline			
Rm @ Meas. Temp.	2.94 @ 78 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	2.21 @ 78 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	3.68 @ 78 °F	@ °F	@ °F	@ °F
Source of Rmf and Rmc	CALC | CALC			
Rm @ BHT	1.47 @ 156 °F	@ °F	@ °F	@ °F
Time Since Circ.	10 Hrs.			
Max. Rec. Temp. Deg. F.	156 °F	°F	°F	°F
Equip. No. and Location	4057 | Farm			
Recorded By	Vest			
Witnessed By	Mr. Ramsey			

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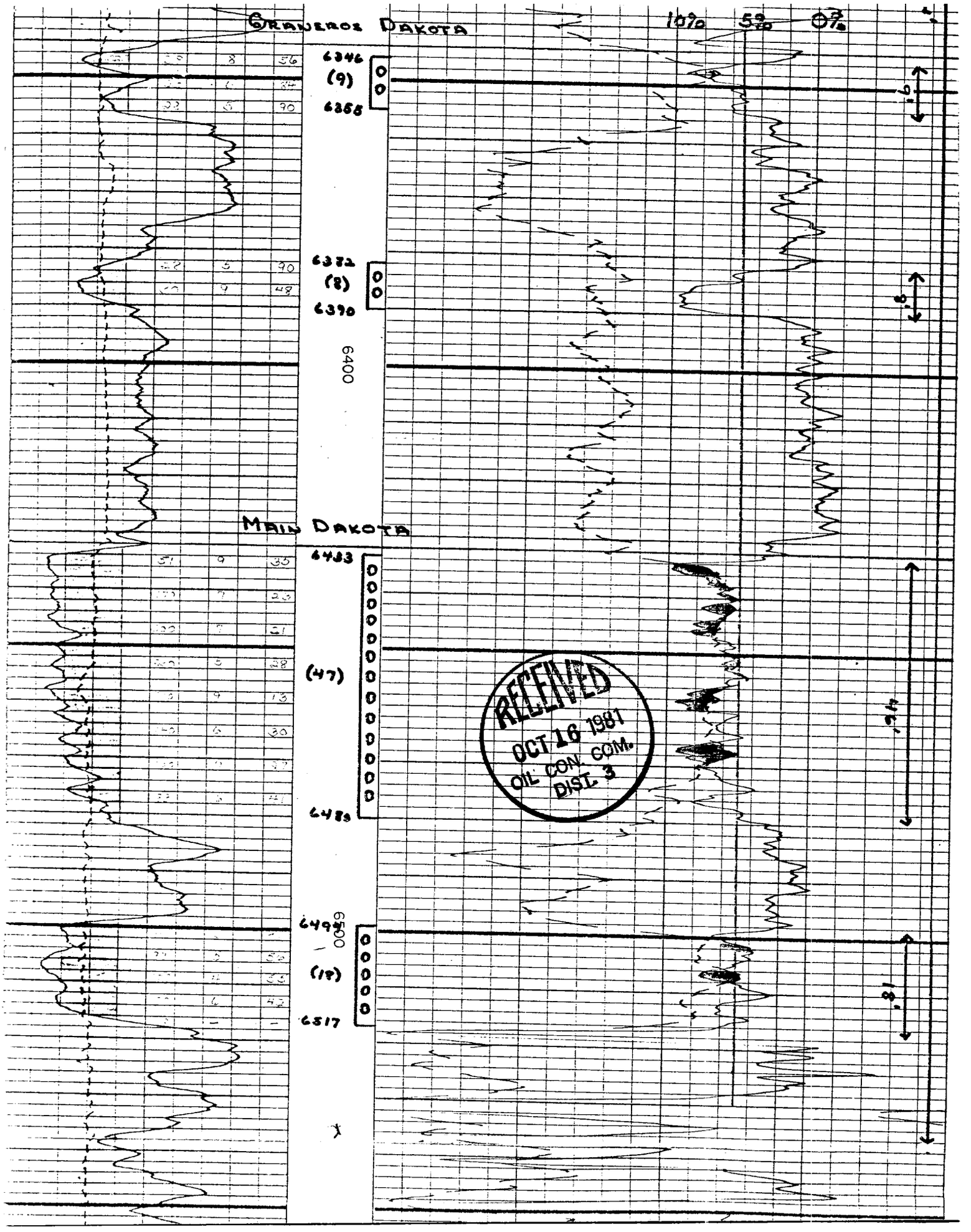
GRANEROS DAKOTA
6346
(9)
6355
6382
(8)
6390
6400
MAIN DAKOTA
6433
(47)
6480
6495
6500
(18)
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